

APPLICATION SERIAL NO. 10/655,858
ATTORNEY DOCKET NO. 95121961.206001

AMENDMENTS TO THE SPECIFICATION

Please insert the following NEW PARAGRAPH after paragraph "[0004]" in the specification:

—Retarder stacks as described in the present application are N linear retarders that have been designed using Finite Impulse Response (FIR) filter techniques, wherein the impulse response of the N retarders generate at least N+1 output impulses from a polarized impulse input. As such, a placing retarder stacks between neutral polarizers forms FIR filters, and these FIR filters can be designed using standard signal processing methods. The amplitude of each responsive, output impulse is determined by the orientations of the retarders (and the analyzing polarizer) relative to the input polarization of the input impulse. Algorithms are used to determine the orientations of the retarder films and the analyzing polarizers so as to satisfy a prescribed impulse response. Further details of the design approaches for the described retarder stacks are described in greater detail in U.S. Patent Appl. No. 09/754,091, which is hereby incorporated by reference herein.—